

TSW

UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/823,618 Confirmation No. 5089

Applicant : M. TAKAHASHI et al

Filed : April 14, 2003

Title : STORAGE SYSTEM, METHOD OF CONTROLLING
STORAGE SYSTEM, AND STORAGE DEVICE

TC/AU : 2186

Examiner : D.T. Tran

Docket No. : 500.43776X00

Customer No.: 24956

Commissioner for Patents
Mail Stop DD
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT (IDS)
UNDER § 1.97 AND § 1.98

Sir:

1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s) consideration of this IDS, and provided herewith is a fee of \$180.00 (a Credit Card

Appl. No. 10/823,618
Information Disclosure Statement
dated November 7, 2005

500.43776X00

Payment Form in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

3. Listing of the information submitted is on the attached Form PTO-1449, which forms a part of this IDS. A copy of each listed document is enclosed when needed.


4. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

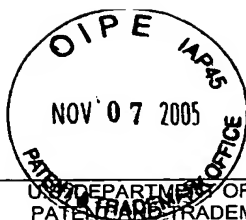
5. No explanation of relevancy is being provided for the following document(s) because each is either in the English language, discussed in the present Specification, or its relevance is as stated in a communication from a foreign patent office in a counterpart foreign application.

6. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

By 
Shrinath Malur
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FORM PTO-1449 (REV. 7-80) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. 500.43776X00 SERIAL NO. 10/823,618

LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT
M. TAKAHASHI et al
FILING DATE
April 14, 2003

GROUP
2186

U.S. PATENT DOCUMENTS

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA	2002/ 0103816	08/01/02	Ganesh			
	AB	2004/ 0260736	12/23/04	Kern			
	AC	2005/ 0050267	03/03/05	Yamamoto			
	AD	2005/ 0060507	03/17/05	Kasako			
	AE	2005/ 0071393	03/31/05	Ohno			
	AF	2005/ 0120093	06/02/05	Nakano			
	AG	2005/ 0188254	08/25/05	Urabe			
	AH	5,937,414	08/10/99	Souder			
	AI	6,643,750	11/04/03	Achiwa et al			
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED